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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,705	11/13/2001	Wilhard Von Wendorff	J&R-0799	2310

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EXAMINER

MURPHY, RHONDA L

ART UNIT	PAPER NUMBER
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2616

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/11/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/021,705

Applicant(s)

WENDORFF, WILHARD VON

Examiner

Rhonda Murphy

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,9-23,25-38,40-56 and 58-65 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6,9-23,25-38,40-56 and 58-63 is/are allowed.
- 6) ☒ Claim(s) 64-65 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This communication is responsive to the amendment filed on 10/10/06. Accordingly, claims 7, 8, 24, 39 and 57 have been canceled, claims 64-65 have been newly added and claims 1-6, 9-23, 25-38, 40-56 and 58-65 are currently pending in this application.

Response to Arguments

1. Applicant's arguments filed 10/10/06 have been fully considered but they are not persuasive. Applicant adds claims 64-65 and states the claims are supported by the specification. Examiner respectfully disagrees. The disclosure does not provide sufficient details of a single wire, bi-directional communication bus.

Claim Objections

2. Claims 1-6, 9-23, 25-38, 40-56 and 58-65 are objected to because of the following informalities:
3. Claims 1-6, 9-23, 25-38, 40-56 and 58-65 are lengthy and uneasy to follow. It is suggested to rewrite the claims, to place them in a better format.
4. Claim 64, lines 17-18, "each of said first and second bus sections" is an incomplete limitation. Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. Claims 64-65 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claims 64-65 describe a single wire, bi-directional communication bus. The disclosure does not provide sufficient details of the invention, regarding a single wire, bi-directional communication bus.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claim 64 is rejected under 35 U.S.C. 102(b) as being anticipated by Winston (US 4,850,043).

Regarding claim 64, Winston teaches communication system (Fig. 1), comprising: a plurality of transceivers (10,11,12 and 13); a single wire, bi-directional communication bus (bus 15) connected to said plurality of said transceivers to enable a bi-directional transmission of communication information between individual ones of said plurality of said transceivers (see Fig. 1); said communication bus having a single ring-shaped

structure connecting each one of said plurality of said transceivers to a respective one of said plurality of said transceivers that is adjacent in a clockwise direction, defined as a respective clockwise adjacent transceiver(see Fig. 1, col. 3, lines 42-50), and to a respective one of said plurality of said transceivers that is adjacent in a counterclockwise direction, defined as a respective counterclockwise adjacent transceiver(see Fig. 1, col. 3, lines 42-50); said communication bus having a plurality of bus sections defining a plurality of first bus sections and a plurality of second bus sections (see Fig.1, bus sections between transceivers 10-13) , each of said first and second bus sections; each one of said plurality of said transceivers being connected to said respective clockwise adjacent transceiver via a respective one of plurality of said first bus sections (see Fig. 1, col. 3, lines 42-50); each one of said plurality of said transceivers being connected to said respective counterclockwise adjacent transceiver via a respective one of said plurality of said second bus sections (see Fig. 1, col. 3, lines 42-50); each one of said plurality of said transceivers including a first receiver (RCVR 25) and a first transmitter (XMTR 22) that are associated with a respective one of said plurality of said first bus sections (see Fig. 1); each one of said plurality of said transceivers including a second receiver (RCVR 26) and a second transmitter (XMTR 23) that are associated with a respective one of said plurality of said second bus sections (see Fig. 1); each one of said plurality of said transceivers including a control device (Fig. 2, switch 48/49) for controlling said first receiver of said one of said plurality of said transceivers (col. 4, lines 22-32), said second receiver of said one of said plurality of said transceivers (col. 4, lines 22-32), said first transmitter of said one of said

plurality of said transceivers (col. 4, lines 22-32), and said second transmitter of said one of said plurality of said transceivers (col. 4, lines 22-32); said control device being constructed to activate said first transmitter and for transmitting first ones of the communication information in the clockwise direction via said communication bus (see Fig. 2); said control device being constructed to activate said second transmitter for transmitting second ones of the communication information in the counterclockwise direction via said communication bus (see Fig. 2).

Allowable Subject Matter

9. Claims 1-6, 9-23, 25-38, 40-56 and 58-63 are allowed.

Conclusion

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 2616

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

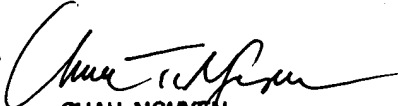
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rhonda Murphy whose telephone number is (571) 272-3185. The examiner can normally be reached on Monday - Friday 8:00 - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on (571) 272-3126. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Rhonda Murphy
Examiner
Art Unit 2616

RM


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